

compressor without any intermediate compressed air container. The operation of the compressor is started when the gas flow is to be initiated, and the gas flow is stopped by stopping the operation of the compressor. The tubular body or nozzle may include a wall part made from a resilient material. The open free end of the tubular body may then be at least partly closed and subsequently reopened while the compressor is still operating, so as to temporarily expand the resilient wall part. Thereby, a pressure pulse may be generated. The air flow may be used by a dentist for cleaning teeth.

IN THE SPECIFICATION:

Please add the following heading before the paragraph beginning in page 1, line 4:

~~-Field of the Invention-~~

Please add the following heading before the paragraph beginning on page 1, line 7:

~~-Description of the Prior Art-~~

Please add the following heading before the paragraph beginning on page 1, line 14:

~~-Brief Summary of the Invention-~~

Please add the following paragraph and heading after the paragraph ending on page 4, line 12:

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--Further scope of the applicability of the present invention will become apparent from the detailed description given hereinafter. However, it should be understood that the detailed description and specific examples, while indicating preferred embodiments of the invention, are given by way of illustration only, since various changes and modifications within the spirit and scope of the invention will become apparent to those skilled in the art from this detailed description.

Brief Description of the Drawings--

Please replace the paragraph beginning on page 4, line 14, with the following rewritten paragraph:

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--The invention will now be further described with reference to the drawings, which are given by way of illustration only, and thus are not limitative of the present invention, and wherein:--

Please add the following heading before the paragraph beginning on page 4, line 24:

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--Detailed Description of the Invention--

Please replace the paragraph beginning on page 4, line 28, with the following rewritten paragraph:

Please replace the paragraph beginning on page 4, line 28, with the following rewritten paragraph:

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~~The~~ The apparatus shown in Fig. 1 comprises a piston compressor 10 comprising a suitable number of cylinders. In the present case four cylinders are arranged on either side of a common crank shaft. The shaft of a brushless DC electric motor 11 is connected to the crank shaft, e.g. by means of a coupling device as that described in WO 99/48614. The manifold tubes 12 of the compressor are connected to a hose 13 having a nozzle 14 formed at its free end. A liquid pump 15 is driven by an electric motor 16 which may correspond to the electric motor 11, and the outlet of the pump 15 is connected to a tube 17 having a free end opening into the free end or nozzle of the hose 13, see Fig. 2. --

Please replace the paragraph beginning on page 5, line 16, with the following rewritten paragraph:

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~~When~~ When the switch 22 is depressed, the electric motor 11 is started so that a flow of air or gas through the hose 13 and out from the opening of the nozzle 14 is generated. The air flow may be stopped by depressing the switch 22 once again so as to stop the electric motor 11 and the compressor 10. Similarly, a flow of water or another liquid may be generated by depressing the switch 23 whereby the electric motor 16 is started. It is also possible to depress the switches 22 and 23 at the same time so as to generate a